

Title (en)
Sealing system

Title (de)
Dichtungssystem

Title (fr)
Système d'étanchéité

Publication
EP 0801015 A3 19980715 (DE)

Application
EP 97104035 A 19970311

Priority
CH 92696 A 19960412

Abstract (en)
[origin: EP0801015A2] An elastically deformable sealing body (14) has at least one hollow chamber (15) fed from a pressure fluid source and is located between the container and the inlet and outlet device. The sealing body is supported in an outwardly expanding manner on an inner located wall (16). The sealing body is a preferably inflatable sealing ring which expandingly engages on a radial inner, preferably rigid wall and radially outwards against a preferably relatively movable wall (17). The outside of the relatively movable wall is provided as a locating surface for the inlet and outlet device, whereby the wall is preferably inclined to the axis (A) of the container.

IPC 1-7
B65G 69/18; F16J 15/46; B65D 90/00

IPC 8 full level
B65D 90/62 (2006.01); **B65G 69/18** (2006.01); **F16J 15/46** (2006.01)

CPC (source: EP)
B65D 90/626 (2013.01); **B65G 69/183** (2013.01); **F16J 15/46** (2013.01); **B65D 2590/542** (2013.01)

Citation (search report)

- [XY] DE 29503812 U1 19950824 - PLANUNG MASCHINEN UND MUEHLENB [DE]
- [Y] EP 0547861 A1 19930623 - MATERIAL CONTROL ENG LTD [GB]
- [X] US 4469152 A 19840904 - HARDEE CARL L [US], et al
- [A] GB 2291049 A 19960117 - MATERIAL CONTROL ENG LTD [GB]
- [A] EP 0680897 A1 19951108 - HAUSACH UMFORMTECHNIK [DE]
- [X] MUHR R: "SCHUETTGUTUMSCHLAG OHNE DICKE LUFT ABGEDICHTETE VERLADEGARNITUR VERHINDERT STAUBEMISSIONEN", CHEMIETECHNIK, vol. 23, no. 7, 1 July 1994 (1994-07-01), pages 16/17, XP000454649

Cited by
EP1348644A1; AU766965B2; CN107508552A; EP1145999A1; CN105347065A; DE102010052094B4; CN110498264A; US6568568B1; US6623013B1; WO0026120A3

Designated contracting state (EPC)
AT BE CH DE FR GB LI NL

DOCDB simple family (publication)
EP 0801015 A2 19971015; **EP 0801015 A3 19980715**; **EP 0801015 B1 19991124**; AT E186895 T1 19991215; DE 59700743 D1 19991230

DOCDB simple family (application)
EP 97104035 A 19970311; AT 97104035 T 19970311; DE 59700743 T 19970311